

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/050012

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G10L19/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03G G10L H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 32 472 A1 (ROBERT BOSCH GMBH) 27 January 2000 (2000-01-27)  column 4, line 18 – column 5, line 7 column 5, line 49 – line 54; figure -----	1,2,4-7, 10,11, 13-15, 17,19,20
A	EP 0 554 962 A (NOVANEX AUTOMATION N.V.) 11 August 1993 (1993-08-11) abstract column 1, line 39 – line 50 -----	3,12
A	EP 1 170 727 A (NEC CORPORATION) 9 January 2002 (2002-01-09) paragraph ‘0004! – paragraph ‘0006! ----- -/-	1-20

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

23 March 2005

Date of mailing of the International search report

19/04/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/196951 A1 (TSAI KUO-LIANG) 26 December 2002 (2002-12-26) abstract -----	1,10,19
A	PAR VAN DE S ET AL: "A new psychoacoustical masking model for audio coding applications" 2002 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING. PROCEEDINGS. (ICASSP). ORLANDO, FL, MAY 13 - 17, 2002, IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (ICASSP), NEW YORK, NY : IEEE, US, vol. VOL. 3 OF 4, 13 May 2002 (2002-05-13), pages II-1805, XP002256785 ISBN: 0-7803-7402-9 -----	

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/050012

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19832472	A1	27-01-2000	WO	0004636 A1		27-01-2000
EP 0554962	A	11-08-1993	NL EP	9200237 A 0554962 A1		01-09-1993 11-08-1993
EP 1170727	A	09-01-2002	JP CA EP US	2002023799 A 2352416 A1 1170727 A2 2002004718 A1		25-01-2002 05-01-2002 09-01-2002 10-01-2002
US 2002196951	A1	26-12-2002		NONE		

VIII-2-1	<p><b>Declaration: Entitlement to apply for and be granted a patent</b></p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)).</p> <p>In a case where the declaration under Rule 4.17(iv) is not appropriate:</p> <p>Name (LAST, First)</p>	<p><b>in relation to this international application</b></p> <p><b>KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled to apply for and be granted a patent by virtue of the following:</b></p>
VIII-2-1(i) i)		<b>KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, VAN DE PAR, Steven</b>
VIII-2-1(i) i)		<b>KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, BREEBAART, Jeroen</b>
VIII-2-1(i) i)		<b>KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, McKINNEY, Martin</b>
VIII-2-1(i) x)	This declaration is made for the purposes of:	<b>all designations except the designation of the United States of America</b>

VIII-3-1	<p><b>Declaration: Entitlement to claim priority</b></p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(III) and 51bis.1(a)(iii))</p> <p>Name</p>	<p><b>in relation to this international application</b></p> <p><b>KONINKLIJKE PHILIPS ELECTRONICS, N.V.</b> is entitled to claim priority of earlier application No. 60/534,627 by virtue of the following:</p>
VIII-3-1(i) l)		<b>KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, VAN DE PAR, Steven</b>
VIII-3-1(i) l)		<b>KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, BREEBAART, Jeroen</b>
VIII-3-1(i) l)		<b>KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, McKINNEY, Martin</b>
VIII-3-1(i) x)	This declaration is made for the purposes of:	<b>all designations</b>